

Amendments To The Claims

The listing of claims will replace all prior versions, and listing, of claims in the application:

1. (currently amended): A method of providing a context sensitive mapping of a plurality of help informational items in an information retrieval system, comprising:

providing a database having one or more record entries, said one or more record entries defining relationships between originating locations from which help requests are originated and corresponding ones of said plurality of help informational items, and said one or more record entries each including an associated relationship strength value based on historical frequency of ~~selection of~~ respective said corresponding ones of said plurality of help informational items being selected by a user within the same information retrieval session during a help information retrieval session initiated from said originating locations;

upon detection of a user initiation of a help information retrieval session from an originating location, determining whether one or more matching record entries exist in said database for said originating location; and

C2 providing, if said one or more matching record entries exist, an access to one or more associated help informational items corresponding to said originating location according to said one or more record entries.

2. (original) The method of providing a context sensitive mapping in accordance with claim 1, further comprising:

detecting at least one of said one or more associated help informational items being selected; and

increasing said associated relationship strength value for said one or more matching record entries corresponding to said at least one of said one or more associated help informational items by a predetermined amount.

3. (original) The method of providing a context sensitive mapping in accordance with claim 1, further comprising:

if said one or more record entries are not found in said database, providing a help topic content listing at least one of said plurality of help informational items; and

upon user selection of a help informational item from said listed at least one of said plurality of help informational items, creating a new record entry having a relationship strength value for said originating location and said user selected help information item pair.

4. (original) The method of providing a context sensitive mapping in accordance with claim 3, further comprising:

assigning an initial value of said relationship strength value.

5. (original) The method of providing a context sensitive mapping in accordance with claim 2, further comprising:

updating said database to reflect said associated relationship strength value being increased.

6. (original) The method of providing a context sensitive mapping in accordance with claim 3, further comprising:

updating said database to store said new record entry.

7. (original) The method of providing a context sensitive mapping in accordance with claim 5, further comprising:

collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

8. (original) The method of providing a context sensitive mapping in accordance with claim 6, further comprising

collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

9. (original) The method of providing a context sensitive mapping in accordance with claim 1, further comprising:

displaying a list of said one or more associated help informational items to said user.

10. (original) The method of providing a context sensitive mapping in accordance with claim 9, further comprising:

sorting said list of said one or more associated help informational items in a descending order of respective associated relationship strength.

11. (currently amended) An apparatus for providing a context sensitive mapping of a plurality of help informational items in an information retrieval system, comprising:

a database having one or more record entries, said one or more record entries defining relationships between originating locations from which help requests are originated and corresponding ones of said plurality of help informational items, and said one or more record entries each including an associated relationship strength value based on historical frequency of ~~selection of~~ respective said corresponding ones of said plurality of help informational items being selected by a user within the same information retrieval session during a help information retrieval session initiated from said originating locations; and

a navigation interface adapted to, upon detection of a user initiation of a help information retrieval session from an originating location, determine whether one or more matching record entries exist in said database for said being viewed informational item, and to provide, if said one

or more matching record entries exist, an access to one or more associated help informational items corresponding to said originating location according to said one or more record entries.

12. (original) The apparatus for providing a context sensitive mapping according to claim 11, wherein:

said navigation interface is adapted to, upon detecting at least one of said one or more associated help informational items being selected, increase said associated relationship strength value for said one or more matching record entries corresponding to said at least one of said one or more associated help informational items by a predetermined amount.

13. (original) The apparatus for providing a context sensitive mapping according to claim 11, wherein:

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said navigation interface is configured to, if said one or more record entries are not found in said database, provide a help topic content listing at least one of said plurality of help informational items, and, upon user selection of a help informational item from said listed at least one of said plurality of help informational items, to create a new record entry having a relationship strength value for said originating location and said user selected help information item pair.

14. (original) The apparatus for providing a context sensitive mapping according to claim 13, wherein:

said navigation interface is configured to assign an initial value of said relationship strength value.

15. (original) The apparatus for providing a context sensitive mapping according to claim 12, further comprising:

a database update mechanism for updating said database to reflect said associated relationship strength value being increased.

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16. (previously presented) The apparatus for providing a context sensitive mapping according to claim 13, further comprising:

C³ a database update mechanism configured to store said new record entry in said database.

17. (original) The apparatus for providing a context sensitive mapping according to claim 15, further comprising:

means for collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

18. (original) The apparatus for providing a context sensitive mapping according to claim 16, further comprising:

C⁴ means for collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

19. (original) The apparatus for providing a context sensitive mapping according to claim 11, wherein:

said navigation interface is configured to cause a list of said one or more associated help informational items to be displayed to said user.

20. (original) The apparatus for providing a context sensitive mapping according to claim 19, wherein:

said navigation interface is configured to sort said list of said one or more associated help informational items in a descending order of respective associated relationship strength.

21. (currently amended) An information retrieval system, comprising:

a plurality of help informational items; and

a database having one or more record entries, said one or more record entries defining relationships between locations from which help requests originated and corresponding ones of said plurality of help informational items, and said one or more record entries each including an associated relationship strength value based on historical frequency of ~~selection of~~ respective said corresponding ones of said plurality of help informational items being selected by a user within the same information retrieval session during a help information retrieval session initiated from said originating locations.

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a navigation interface adapted to, upon detection of a user initiation of a help information retrieval session from an originating location, determine whether one or more matching record entries exist in said database for said originating location, and to provide, if said one or more matching record entries exist, an access to one or more associated help informational items corresponding to said originating location according to said one or more record entries.

23. (original) The information retrieval system according to claim 21, wherein:

said plurality of informational items comprise a plurality of world wide web pages.

24. (currently amended) A computer readable storage medium having stored thereon computer program for implementing a method of providing a context sensitive mapping of a plurality of help informational items in an information retrieval system, said computer program comprising a set of instructions for:

providing a database having one or more record entries, said one or more record entries defining relationships between originating locations from which help requests are originated and corresponding ones of said plurality of help informational items, and said one or more record entries each including an associated relationship strength value based on historical frequency of

~~selection of~~ respective said corresponding ones of said plurality of help informational items being selected by a user within the same information retrieval session during a help information retrieval session initiated from said originating locations;

upon detection of a user initiation of a help information retrieval session from an originating location, determining whether one or more matching record entries exist in said database for said originating location; and

providing, if said one or more matching record entries exist, an access to one or more associated help informational items corresponding to said originating location according to said one or more record entries.

C⁴ 25. (original) The computer readable storage medium according to claim 24, wherein said computer program further comprising one or more instructions for:

detecting at least one of said one or more associated help informational items being selected; and

increasing said associate relationship strength value for said one or more matching record entries corresponding to said at least one of said one or more associated help informational items by a predetermined amount.

26. (original) The computer readable storage medium according to claim 24, wherein said computer program further comprising one or more instructions for:

if said one or more record entries are not found in said database, providing a help topic content listing at least one of said plurality of help informational items; and

upon user selection of a help informational item from said listed at least one of said plurality of help informational items, creating a new record entry having a relationship strength value for said originating location and said user selected help information item pair.

27. (original) The computer readable storage medium according to claim 26, wherein said computer program further comprising one or more instructions for:

assigning an initial value of said relationship strength value.

28. (original) The computer readable storage medium according to claim 25, wherein said computer program further comprising one or more instructions for:

updating said database to reflect said associated relationship strength value being increased.

29. (original) The computer readable storage medium according to claim 26, wherein said computer program further comprising one or more instructions for:

updating said database to store said new record entry.

C4 30. (original) The computer readable storage medium according to claim 28, wherein said computer program further comprising one or more instructions for:

collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

31. (original) The computer readable storage medium according to claim 29, wherein said computer program further comprising one or more instructions for:

collecting user selection data comprising a log of user actions during one or more help information retrieval sessions; and

wherein said updating said database is performed periodically off-line using said collected user selection data.

32. (original) The computer readable storage medium according to claim 24, wherein said computer program further comprising one or more instructions for:

displaying a list of said one or more associated help informational items to said user.

33. (original) The computer readable storage medium according to claim 32, wherein
said computer program further comprising one or more instructions for:

sorting said list of said one or more associated help informational items in a
descending order of a respective associated relationship strength.
